

Claim Amendments

1-9. (Cancelled).

10. (Currently Amended)

A rotary float, comprising:

an elongated tubular arm having a drive shaft rotatably mounted therethrough and projecting from opposing forward and rearward ends thereof;

a coupler on a rearward end of the drive shaft, for selectively and removably coupling a drive unit to the drive shaft, to thereby selectively rotate the drive shaft within the arm;

a collet shaft connected at a rearward end to a forward end of the drive shaft, for rotation therewith;

said collet shaft rotatably mounted through an extension tube and projecting from a forward end of the extension tube;

a knuckle joint interconnecting the extension tube with the tubular arm, said knuckle joint permitting pivotal movement of the extension tube about the knuckle joint;

a helical coil coupler interconnecting the collet shaft and drive shaft and housed with said knuckle joint, operable to transmit rotational force of the drive shaft to the collet shaft, while permitting pivotal movement of the collet shaft about the swivel device;

said knuckle joint including:

a hollow spherical ball connected to the forward end of the tubular arm and having a truncated forward end through which the helical coil is operably journaled;

an enlarged bell formed on a rearward end of the extension tube, said bell having a spherical-shaped inner surface for slidably and rotatably receiving the ball;

a collar removably secured to the bell and having a rearward annular lip extending radially inwardly to a diameter less than that of an outer diameter of the ball, to thereby secure the ball within the bell for rotatable movement therein;

an elongated tubular cap removably secured over the bit and extension tube, said cap having forward and rearward ends and an opening formed in a side proximal the forward end, the opening having dimensions to reveal a sufficient portion of the bit to permit the bit to contact and engage a surface adjacent the extension tube;

a bit mounted on a forward end of the collet shaft;

a handle formed in the shape of a pistol grip mounted on the rearward end of the arm;

and

means for removably, frictionally securing said cap on said extension tube and permitting selective rotation of the cap about a longitudinal axis of the extension tube.

~~The rotary float of claim 9, wherein~~ said means for frictionally securing said cap includes including a resilient, compressible O-ring mounted around a circumference of the extension tube, the O-ring having an overall outer diameter greater than an inner diameter of the cap.

11-16. (Cancelled).

17. (Currently amended)

A rotary float, comprising:

an elongated tubular arm having a drive shaft rotatably mounted therethrough and projecting from opposing forward and rearward ends thereof;

a coupler on a rearward end of the drive shaft, for selectively and removably coupling a drive unit to the drive shaft, to thereby selectively rotate the drive shaft within the arm;

a collet shaft connected at a rearward end to a forward end of the drive shaft, for rotation therewith;

a swivel device interconnecting the collet shaft and drive shaft, operable to transmit rotational force of the drive shaft to the collet shaft, while permitting pivotal movement of the collet shaft about the swivel device;

a bit mounted on a forward end of the collet shaft;

said collet shaft rotatably mounted through an extension tube and projecting from a forward end of the extension tube;

a knuckle joint interconnecting the extension tube with the tubular arm, said knuckle joint permitting pivotal movement of the extension tube about the knuckle joint,

said swivel housed within said knuckle joint;

an elongated tubular cap removably secured over the bit and extension tube, said cap having forward and rearward ends and an opening formed in a side proximal the forward end, the opening having dimensions to reveal a sufficient portion of the bit to permit the bit to contact and engage a surface adjacent the extension tube;
and

means for removably, frictionally securing said cap on said extension tube and permitting selective rotation of the cap about a longitudinal axis of the extension tube;

~~The rotary float of claim 16,~~ wherein said means for frictionally securing said cap includes including a resilient, compressible O-ring mounted around a circumference of the extension tube, the O-ring having an overall outer diameter greater than an inner diameter of the cap.

18. (New)

A rotary float, comprising:

an elongated tubular arm having a drive shaft rotatably mounted therethrough and projecting from opposing forward and rearward ends thereof;

a coupler on a rearward end of the drive shaft, for selectively and removably coupling a drive unit to the drive shaft, to thereby selectively rotate the drive shaft within the arm;

a collet shaft connected at a rearward end to a forward end of the drive shaft, for rotation therewith;

said collet shaft rotatably mounted through an extension tube and projecting from a forward end of the extension tube;

a knuckle joint interconnecting the extension tube with the tubular arm, said knuckle joint permitting pivotal movement of the extension tube about the knuckle joint,

a swivel device housed within said knuckle joint and interconnecting the collet shaft and drive shaft, operable to transmit rotational force of the drive shaft to the collet shaft, while permitting pivotal movement of the collet shaft about the swivel device;

a bit mounted on a forward end of the collet shaft;

an elongated tubular cap removably secured over the bit and extension tube, said cap

having forward and rearward ends and an opening formed in a side proximal the

forward end, the opening having dimensions to reveal a sufficient portion of the

bit to permit the bit to contact and engage a surface adjacent the extension tube;

and

means for removably, frictionally securing said cap on said extension tube, said means

permitting selective rotation of the cap completely about a longitudinal axis of the

extension tube.